

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 08035734
PUBLICATION DATE : 06-02-96

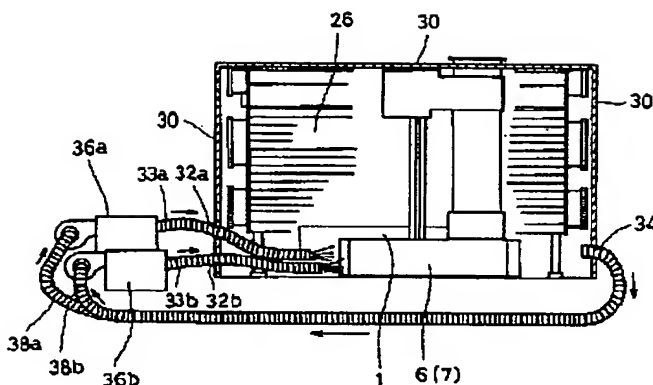
APPLICATION DATE : 20-07-94
APPLICATION NUMBER : 06189967

APPLICANT : KAWAJU REINETSU KOGYO KK;

INVENTOR : KAMIOKA SUSUMU;

INT.CL. : F25B 15/00 F25B 49/04

TITLE : METHOD AND APPARATUS FOR
MELTING CRYSTAL OF ABSORPTION
REFRIGERANT AND HOT AND
CHILLED WATER GENERATOR



Best Available Copy

ABSTRACT : PURPOSE: To easily, safely and effectively melt crystal generated by the stop of a machine in a short time in an absorption refrigerator and a hot and chilled water generator in which lithium bromide water solution or other salt or the like solution is used as absorbing solution.

CONSTITUTION: An absorption refrigerator and a hot and chilled water generator form a refrigerant channel and an absorbing solution channel by connecting units such as a regenerator, a condenser, an evaporator, an absorber, a solution heat exchanger, a pump for refrigerant liquid, a pump for absorbing solution via tubes. When the operation is stopped due to power interruption or the malfunction of the absorbing solution pump, hot air from hot air generators 36a, 36b is introduced into a heat radiation preventive pump, hot air covering the entirety or the part of the refrigerator and the generator to raise the solution to a crystallizing temperature or higher to melt a crystal.

COPYRIGHT: (C)1996,JPO